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Fabrics
Rumford

A.D. 1884, 31st DECEMBER. N° 17,056.

An Improved Waterproof and Bullet Proof Material.

COMPLETE SPECIFICATION.

ROBERT SCIPIO MARSH DE RICCI Molesey House Palace Road Hampton Court Barrister-at-law I, Robert Scipio Marsh de Ricci do hereby declare the nature of my invention for AN IMPROVED WATERPROOF AND BULLET PROOF MATERIAL, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

According to my invention I make or manufacture the material as follows:—

With the view of making sheets or plates of any desired dimension I take a sufficient quantity of paper pulp or partly sheets of paper and partly pulp a sufficient quantity of metal wire or tape or partly metal tape and partly wire; and a sufficient quantity of strong fibre such as Manilla hemp: the wires tapes and fibres may be united together to form one mesh or several or they may be arranged otherwise and there may be one or several layers or thicknesses of these materials or one or two of the said materials may be dispensed with if desired: the wires tapes and fibre are spread upon one portion of the paper and the other portion of the paper is spread over the wires tapes and fibre (care being observed that where there is more than one layer or thickness of metal or fibre such layers are separated by a layer of paper) hydraulic or other suitable pressure is then applied until these constituents are incorporated into hard sheets or plates. India-rubber in solution or in sheets copal or other varnishes or paint pitch or tar may be used either before or after the application of the pressure.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is

The use of a material composed partly of paper and partly of metal or partly of paper and metal and partly of fibre substantially as herein described especially adapted for the construction of

1. Armour.
2. Cuirasses.
3. Gun Shields and
4. Bullet Proof Screens of every shape and pattern.
5. Life boats and every other description of boats and canoes.
6. Roofing and other parts of houses.
7. Steam launches.
8. Torpedo boats.

31st December 1884.

ROBERT SCIPIO MARSH DE RICCI.

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[*Price 2d.*]